

## **OSTEOSYNTHETIC IMPLANT WITH AN EMBEDDED HINGE JOINT**

### **Abstract**

5           An osteosynthesis implant includes at least one coupling in the form of a  
swivel joint. Each swivel joint includes at least one planar or annular swivel element and  
two connecting arms that define a pivot axis. The coupling permits rotation about each  
pivot axis. The implant and coupling may be formed of unitary construction, or a separate  
coupling may be connectable to the implant. The coupling may receive a bone fastener such  
10 as a bone screw, or may be used in applications that require the coupling to directly support  
portions of the body such as spinal features.

15

20

25

30

35